JAPANESE MEDICAL EQUIPMENT

LABORATORY, CHEMICAL, FIELD, FOR ARMY

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MEDICAL ANALYSIS SECTION
5250th Technical Intelligence Company
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Laboratory, Chemical, Field, for Army

SOURCE: Headquarters, Japanese Medical Supply, Tokyo, Japan.

IMPORTANCE: Not previously reported. This set was experimental and never used as a unit. Only one set of the "co-operate" or "common-use" chests was made and four sets of the "poison" chests were made.

DESCRIPTION: This field laboratory consists of two groups of consequently numbered chests. The chests are constructed of 3/4" hard wood with metal reinforcements and are dark brown in color with white characters and numbers. Each chest has two heavy metal hinges, a metal hasp and a 1 3/4" leather shield around the cover. There are two heavy leather loop handles fastened to each chest by metal loops.

All the chests have a uniform length of 28" but the breadth and depth varies accordingly to the size of the contents. There are four metal teats on the four corners of the bottom of each chest which fit into corresponding depressions on the top of each chest of equal size to hold them securely when piled one on the other.

The inside of each chest is meticulously constructed by hand and the various compartments and boxes are constructed of hard, varnished wood with brass reinforcements.

The set is supposed to consist of 45 chest in the "Poison" group

and approximately 50 chests in the other group which is divided approximately equally into 3 sections labeled "Sick", "Treatment" and "Co-operate" (common use) respectively. It was impossible to locate all the chests which comprise this unit as only one set was made. Also, to date, the original plans have not been found. However, a representative group of the chests was found and from these a fair estimation of the unit can be made.

An inventory of the contents of the chests which were obtained is included in this report along with representative photographs.

COMMENT: Lt. General Toraji Shimizu, director of the Japanese Medical Supply for the Home Islands of Japan and Colonel Takezo Suyenaga were interviewed regarding this field laboratory.

This unit was experimental and was made, for the most part, in the Army Chemical Laboratory, Okubo, Yodobashi-ku, Tokyo.

This field laboratory is composed of two main sections. One is called "Poison" or "Poisoning" and this section is supposed to consist of approximately 45 chests. This section was compiled by or in conjunction with the Chemical Warfare Section and was used in the field for anti-gas and anti-poison determinations. Some of these chests are labeled "The Third Chemical Laboratory in the Field". There was a total of four of these "Poison" sets made (called 1st, 2nd, 3rd and 4th Chemical Laboratories in the Field) in 1937 for the Sino-Japanese War and the chest obtained were made up from these groups.

Later, the Japanese felt that the "Poison" laboratory was inadequate and so a second section was added. These two sections could operate separately or together and were meant to serve an army in the field. Only one of the second sections was made. This section was composed of three groups called "Sick", "Treatment" and "Co-operate" (or common use). These groups consisted of approximately 14 chests each and could be used independently or together as the situation demanded.

The group labeled "Sick" or "Sickness" was used for pathological study in the field. The group labeled "Treatment" was used for medical treatment and consisted largely of drugs. Those chests which are labeled "Co-operate" or "Common Use" consisted of equipment which could be used to supplement either of the other groups or the "Poison" section when needed.

Throughout the entire section the characters "for the Second Squad" are found. Those chests which are not so marked make up the "First Squad". The chests marked "for the Second Squad" were used exclusively by the Medical Corps. The other chests were for analysis and used by groups other than the Medical Corps.

Despite the fact that this set was never "souvenired", it was incomplete due to critical shortage of certain items at the time this set was composed.

This unit was felt to be of intelligence interest for several reasons. The unit was experimental and the Japanese felt from their experiences in China that a large field chemical laboratory was needed. Consequently, this unit was devised and incorporated the "Poison" chests in the new unit. After this unit was completed and used experimentally, it was decided that the unit was too large and at the termination of hostilities, the Japanese were Planning to design a

chemical field laboratory smaller than this unit but larger than the commonly used units.

This unit shows excellent workmanship and compactness. The instruments and equipment were of the best quality that the Japanese used.

> Photographs: Fig. 1 - "Poison" section of unit. Fig. 2 - "Sick, Treatment and Co-operative" section of unit. Fig. 3 - Box Poisoning #1 Fig. 4 - Box Branch Poison #1 Fig. 5 - Box Poison #15 (for the second squad) Fig. 6 - Box Poison #16 (for the second squad) Fig. 7 - Box Poison #19 (for the second squad) Fig. 8 - Box Poison #20 (for the second squad) Fig. 9 - Box Poison #31 Fige10 - Box Poison #34 Fig.11 - Box Poisoning #41 Fig. 12 - Box Poisoning #43 Fig.13 - Box Co-operate #2 (for the second squad) Fig.14 - Box Co-operate #7 (for the second squad) Fig.15 - Box Co-operate #8 (for the second squad) Fig. 16 - Box 60-operate #13(for the second squad) Fig.17 - Box Sick #23 (for the second squad) Fig. 18 - Box Sick #27 (for the second squad) Fig. 19 - Box Treatment #32 (for the second squad) Fig. 20 - Box Co-operate #40(for the second squad)

> > Fig. 21 - Box Co-operate #41(for the second squad)



Fig. 1 - "Poison" section of unit.



Fig. 2 - "Sick, Treatment and Co-operative" section of unit.



Fig. 3 - Box Poisoning #1



Fig. 4 - Box Branch Foison #1



Fig. 5 - Box Poison #15 (for the second squad)



Fig. 6 - Box Poison #16 (for the second squad)



Fig. 7 - Box Poison #19 (for the second squad)



Fig, 8 - Box Poison #20 (for the second squad)



Fig. 9 - Box Poison #31



Fig. 10 - Box Poison #34



Fig. 11 - Box Poisoning #41



Fig. 12 - Box Poisoning #43



Fig. 13 - Box Co-operate #2 (for the second squad)



Fig. 14 - Box Co-operate #7 (for the second squad)



Fig. 15 - Box Co-operate #8 (for the second squad)



Fig. 16 - Box Co-operate #13 (for the second squad)



Fig. 17 - Box Sick #23 (for the second squad)



Fig. 18 - Box Sick #27 (for the second squad)



Fig. 19 - Box Treatment #30 (for the second squad)



Fig. 20 - Box Co-operate #40 (for the second squad)



Fig. 21 - Box Co-operate #41 (for the second squad)

(for the experiments of poisoning) Box Poisoning #1

This chest is $28" \times 16 \frac{1}{4"} \times 15"$ and is incomplete. It is supposed to contain the following:

6. Paraffin papers 7. "Target" filter paper 8. Broom, feather 9. Holder 10. Pen knife 11. Pencil 12. Labels 13. Pencil, glass 14. Glass cutter 15. Cork screw 16. Funnel stand 18 box 1 box 1 ca 2 ca 4 ca 1	1.	Mortars	ea	. 4
4. Balance, laboratory, with upper scales, small 5. Filter papers 6. Paraffin papers 7. "Target" filter paper 8. Broom, feather 9. Holder 10. Pen knife 11. Pencil 12. Labels 13. Pencil, glass 14. Glass cutter 15. Cork screw 16. Funnel stand 18. set 18. set 19. sheet 20. sheet 20. sheet 20. sheet 20. sheet 20. sheet 21. sheet 22. sheet 23. sheet 24. sheet 25. sheet 26. sheet 27. sheet 28. sheet 29. sheet 20. sheet	2.	Balance, for dissecting	set	1
4. Balance, laboratory, with upper scales, small 5. Filter papers 6. Paraffin papers 7. "Target" filter paper 8. Broom, feather 9. Holder 10. Pen knife 11. Pencil 12. Labels 13. Pencil, glass 14. Glass cutter 15. Cork screw 16. Funnel stand 18. set 18. set 19. sheet 20. sheet 20. sheet 20. sheet 20. sheet 20. sheet 21. sheet 22. sheet 23. sheet 24. sheet 25. sheet 26. sheet 27. sheet 28. sheet 29. sheet 20. sheet	3.	Balance, laboratory, with upper scales	set	1
small 5. Filter papers 6. Paraffin papers 7. "Target" filter paper 8. Broom, feather 9. Holder 10. Pen knife 11. Pencil 12. Labels 13. Pencil, glass 14. Glass cutter 15. Cork screw 16. Funnel stand 18. Sheet 20 20 21 22 24 25 26 27 28 29 20 20 21 20 21 22 22 23 24 25 26 26 27 28 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	4.	Balance, laboratory, with upper scales,		
6. Paraffin papers 7. "Target" filter paper 8. Broom, feather 9. Holder 10. Pen knife 11. Pencil 12. Labels 13. Pencil, glass 14. Glass cutter 15. Cork screw 16. Funnel stand 18 box 1 box 1 ca 2 ca 4 ca 1			set	1
7. "Target" filter paper box 1 8. Broom, feather ea 5 9. Holder ea 5 10. Pen knife ea 2 11. Pencil ea 12 12. Labels ea 100 13. Pencil, glass ea 2 14. Glass cutter ea 1 15. Cork screw ea 1 16. Funnel stand ea 2	5.	Filter papers	sheet	20
8. Broom, feather ea 5 9. Holder ea 5 10. Pen knife ea 2 11. Pencil ea 12 12. Labels ea 100 13. Pencil, glass ea 2 14. Glass cutter ea 1 15. Cork screw ea 1 16. Funnel stand ea 2	6.	Paraffin papers	sheet	10
9. Holder ea 5 10. Pen knife ea 2 11. Pencil ea 12 12. Labels ea 100 13. Pencil, glass ea 2 14. Glass cutter ea 1 15. Cork screw ea 1 16. Funnel stand ea 2		"Target" filter paper	box	1
10. Pen knife ea 2 11. Pencil ea 12 12. Labels ea 100 13. Pencil, glass ea 2 14. Glass cutter ea 1 15. Cork screw ea 1 16. Funnel stand ea 2	8.	Broom, feather	ea	5
11. Pencilea1212. Labelsea10013. Pencil, glassea214. Glass cutterea115. Cork screwea116. Funnel standea2	9.	Holder	ea	5
12. Labels ea 100 13. Pencil, glass ea 2 14. Glass cutter ea 1 15. Cork screw ea 1 16. Funnel stand ea 2	10.	Pen knife	ea	2
13. Pencil, glass ea 2 14. Glass cutter ea 1 15. Cork screw ea 1 16. Funnel stand ea 2	11.	Pencil	ea	12
14. Glass cutterea115. Cork screwea116. Funnel standea2	12.	Labels	ea	100
15. Cork screw ea 1 16. Funnel stand ea 2	13.	Pencil, glass	ea	2
16. Funnel stand ea 2	14.	Glass cutter	ea	1
N. 101 101 101 101			ea	1
77 Funnal 35	16.	Funnel stand	ea	. 2
TI FUILITY	17.	Funnel	ea	15

Equipment for the Chemical Laboratory in the Field

(for anti-poison in the branch (section))
Branch Poison #1

This case is $28" \times 16 \frac{1}{4"} \times 16"$ and is incomplete. The following items are supposed to be contained in this chest:

1.	Animal fixer	ea	1
2.	Fodder container	88	1
3.	Cotton rubbish (waste)	gm	1000
4.	Ballonet	set	1
5.	Beaker, glass	set	6
6.	Animal cage	ea	2
7.	Ypenite (mustard gas)cure		
8.	Depilatory		
9.	High degree bleaching powder		
10,	Alcohol		
11.	Carbon tetrachloride		
12.	Hair clippers	ea	3
13.	Metal spoon	ea	2
14.	Brush, for washing nails	ea	5

15.	Direct (Nomes dums)		-23
	Pipet (Marco type)	ea	3
16,	Sycinge	ea	4
17。	Graduated test tube with cork	ea'	4
18.	Small size dissecting instruments	set	2
19.	Alcohol furnace	ea	1
	Soap case	ea	1
21.	Bag for number tickets	ea	2
	Number tickets for animals #1	ea	100
23.	Syringe needle	ea	48
24.	Funnel	ea	2
	Adhesive plaster	roll	2
26.	Test paper (several types)	ea	50
27.	Filter paper	ea	100
28.	Matches	box	3
29.	Rubber gloves		
	a. white	pr	3
	h, thin	pr	3

(for the experiments of poisoning)
Box Poisoning #3

This chest is $28" \times 16 \text{ } 1/4" \times 15"$ and is supposed to contain the following:

1. Balance, animal

ea 1

Equipment for the Chemical Laboratory in the Field

(for the second squad)
Poison #7

The contents of this chest are as follows:

1.	Appliance for assaying the gas	set	1
2.	Duplex balls	set	1
3.	Gas meter	set	1
4.	Bellows	set	1
5.	Tools for miscellaneous uses, incomplete	set	1
6.	Copper wire wound with cotton	gm	1000
7.	Wire, diameter 1 mm	gm	1000
8.	Wire, diameter 3 mm	gm	1000
90	Whetstone	ea	2
	Nail bag	ea	5
110	Screw nails	box	2
12.	Nails	gm	1000

(for experiment of poisoning) Box Poison #10

This chest is $28" \times 16 \frac{1}{4"} \times 15"$ and is incomplete. It is supposed to contain the following:

1.	Kettle, set	ea	1
2.	Red colored solid rubber tube Outside		
	diameter:		
	a, 12 mm.	meter	5
	b. 8 mm.	meter	5
	c. 6 mm.	meter	5
	d. 5 mm.	meter	5
	e, 4 mm.	meter	5
3.	Brown colored soft rubber tube Outside		
	diameter:		
	a. 12 mm.	meter	5
	b. 9 mm.	meter	
	c. 7 mm.	meter	5
	d. 6 mm.	meter	5 5 5 3
4.	Cork boards	ea .	3
5.	Corks		
	a. rubber	ea	12
	b, wooden	ea	12
6.	Evaporating dishes		
	a. 210 mm.	ea	2
	b. 120 mm.	ea	2
	c. 60 mm.	ea	3
7.	Gloves, rubber		
	a, white	ea	12
	b. red	ea	12

This chest is identical with co-operative #10 for the second squad.

Equipment for Chemical Laboratory in the Field

(for second squad)
Poison #15

This chest is 16 1/4" x 28" x 15". The contents are as follows:

1.	Chemical balance (analytical), complete,		
	13" x 8 1/4" x 16"	set	1
24	Accessories (missing)		
	a. Platinum wire	cm	100
	b. Platinum crucible	ea	1

(for the second squad) Chest Poison #16

This chest is $28" \times 16 \ 1/2" \times 15"$ and is incomplete. The contents are supposed to be as follows:

1.	Blood viscosimeter	ea	1
2.	Gauge for measuring the density of the hydrogen ion Potentimeter, portable,	,	
	precision #609)	ea.	1
3.	Accessories of the gauge for measuring		
	the density of the hydrogen ion	ea	1
4.	Torsion balance	ea	. 1
5.	Sphygomomanometer, for humans	ea	1
6.	Crucibles	ea	5
7.	Watch glass	ea	20
8.	Thermometers, for small animals	ea	10
9.	Watch glass holders	ea	5
10.	Loupe	ea.	1
11.	Rolled measuring tape	ea.	1
12.	Abacus	ea	1
13.	Counter	ea	. 1
14.	Opthalmoscope	ea .	1
15.	Slide rule	ea	1
16.	Urethra catheter	set	1

Equipment for the Chemical Laboratory in the Field

(for the experiments of poisoning)
Poison Box #17

This chest is $28" \times 16 \ 1/4" \times 15"$ and is incomplete. It is supposed to contain the following:

1.	Gas analyser	set	1
2.	Gas meter	set	1
3.	Bellows	set.	1
4.	Tools for miscellaneous use	set	1
5.	Asbestine board	ea	10

Equipment for the Chemical Laboratory in the Field

(for second squad)
Box Poison #18

This chest is $28" \times 16 \frac{1}{4"} \times 15"$ and is incomplete. It is supposed to contain the following:

1.	Apparatus for examining the breathing		
	of small animals	set	1
2.	Gauge for expiratory quantity	set	1
3.	Rubber tubes	ea	3
4.	Bottles for collecting the expiration	ea	2
	Masks for rabbits	68	2
6.	Masks for beaver	ea	2
7.	Masks for pigeons	ea	2
8.	Three forked cocks (stopcocks)	ea	2
9.	Three forked tubes	ea	2
10.	Cocks (stopcocks) for collecting	ea.	2
11.	Expiratory valves	68	2
12.	Expiratory valve stand	ea	2
13.	Three forked cock stands	ea	2
14.	Fixer	set	1
15.	Machine cotton rolls	ea	2
16.	Microburette	ea	24
17.	Stand bases	ea	4
18.	Microburette stand	ea.	2
19.	Burette washer	ea	5
20.	Burette	ea	4

Equipment for the Chemical Laboratory in the Field

(for the second squad)
Box Poison #19

This chest is 28" \times 16 1/4" \times 15" and is supposed to contain the following:

1.	Pump, vacuum	set	1
2.	Cord	meter	30
3.	Plugs	ea '	10
4.	Sockets	ea	10
5.	Forked sockets	ea.	- 5
6.	Electric stands	ea	3
7.	Container, oil	ea	1
	Oil can	ea	1
9.	Wire, electric, covered	meter	30

Equipment for the Chemical Lagoratory in the Field

(for second squad) Box Poison #20

This chest is $28" \times 26 \text{ }1/4" \times 15"$ and contains the following:

1. Kymograph

ea

(for the experiments of poisoning) Poison Box #20

1. Kymograph

ea - 1

Equipment for the Chemical Laboratory in the Field

(for second squad) Box Poison #21

This chest is 28" x 16 1/4" x 15" and is supposed to contain the following:

1.	Benzin lamp	set	1
2.	Barometer	ea	1
3.	Contacter	ea	1
4.	Accessories of Kymograph		
	a. Manometer recorder		
	b. Drawing roller		
	c. Coupling link		
	d. Rubber tube		
	e. Magnet, double pole		
	f. Magnet, single pole		
	g. Mercury manometer		
5.	Holder, drawing		
6.			
7.	String, silk, wound (suture)		
8.	Rubber, thin		
9.	Drawing needle		

Equipment for the Chemical Laboratory in the Field

(for the second squad) Poison #22

This chest is $28" \times 16 \frac{1}{4"} \times 15 \frac{1}{4"}$ and contains seven smaller boxes. The contents are:

	Appliance for assaging the gas in the blood (Van Slyke apparatus)	set	1
2.	Colorimeter (standard type)	ea	1
3.	Colorimeter (electric type)	ea	1
4.	Gauge for measuring the velocity of blood		
	sedimentation	ea	1
5.	Standard Hydrometer (missing)	ea	1
6.	Maximum-minimum thermometer	ea	1
7.	Razor box	ea	1
8,	Hydrometer	ea	1
9,	Funnels for dividing the liquids	ea	2
10.	Bottles for purifying gas	ea	2

(for experiments of poisoning) Box Poisoning #24

This chest is 28° x 16 $1/4^{\circ}$ x 15° and is incomplete. It is supposed to contain the following items:

	Leather strops	ea	2
2.	Table, leather strop	ea	1
3.	Irrigator	set	1
4.	Dissecting instruments, animal	kit	1
	Chart for listing the results of tissue		
	examination	sheet	100
6.	Chart for listing the detail of dissection		
	as type A	sheet	100
	b. type B	sheet	100
7.	Microscopic slides	box	24
8.	Cover glass	ea	1000

Equipment for the Chemical Laboratory in the Field

Box Poisoning #30

This chest is $28" \times 16 \ 1/4" \times 15"$ and is incomplete. It is supposed to contain the following items:

1.	Camera	88	1
2.	Dry plates	ea	24
3.	Printing boards	ea	2
	Microtome, freezing	set	1
	Container, water		
	a. large	ea	1
	b. small	ea	1
6.	Developing equipment	ea	2
.7.	Printing papers	dozen	10
	Dark slides	ea	3
9.	Hanging stand	ea	1
10.	Vats	ea	4
11.	Dark room, canvas, portable	set	1
	Cloth	ea	2
13.	Tripod	ea	1
	•		

Equipment for the Chemical Laboratory in the Field

(for experiments of poisoning) Poison #31

This chest is 28" x 16 1/4" x 15 1/4" and is incomplete. It is supposed to contain the following:

1.	Blood transfuser set	ea	1
2.	Surgical bag	set	1
3.	Gauze sterilizer	set	1
4.	Accessories of gauze sterilizer	box	1

	Ointment pots		ea	14
6.	Ointment board		ea	1
	Ointment spatula		ea	1
8.	Preparer box	6	set	1
9.	Micro-pipets I mm,		ea	12
	Silk thread		rolls	30

Box Poisoning #32

This chest is 28° x 16 $1/4^{\circ}$ x 15° and is incomplete. It is supposed to contain the following items:

1.	Dissecting instruments, veterinary	set	1
2.	Nose wrench	ea	3
3.	Plexor (percussion hammer)	ea	1
	Stethoscope	ea	1
50	Test tubes, graduated	ea	20
6.	Gauge for blood pressure, horse, portable	ea	1
7.	Veterinary bag, portable	ea	. 1
	Flat braid		
	a. large	ea	1
	b. small	ea 🕐	1
9.	Robe, hemp	roll	1

Equipment for the Chemical Laboratory in the Field

(for experiments of poisoning) Box Poisoning #33

This chest is 28" x 16 1/4" x 15" and contains bottles for the following drugs:

1.	Sodium Carbonate (crude)	grams	500
2.	Sodium Carbonate (anhydrous)	grams	500
3.	Potassium Carbonate	grams	250
4.	Camphor	grams	500
5.	Talc	grams	500
6.	Sodium Carbonate	grams	500
7.	Potassium hydroxide	grams	500
8.	Sodium hydroxide	grams	500
9.	Hydrogen peroxide, solution	grams	500
10.	Sodium thiosulphate	grams	500
11.	Barium sulphide	grams	500
12.	Copper sulphate (anhydrous)	grams	500
13.	Bonic acid	grams	500
140	Sodium bicarbonate	grams	1000
15.	Potassium iodide	grams	150
16.	Potassium iodate	grams	50
17.	Iodic acid	grams	25

7.6	0.00.1		
18.	Caffeine	grams	100
19.		grams	50
20.		grams	50
-	Ferric chloride	grams	50
22.	Starch, soluble	grams	50
23.	Calmin	grams	~ ~
240	Canadian balsam	grams	
25.	Liquid paraffin	grams	
26.	Sodium sulphate (pure)	grams	
27.	Copper sulphate	grams	AT 40
28.	Phosphuric acid	grams	
29.	Atropine sulphate	grams	
30.	Potassium ferrocyanicle	grams	~ ~
31.	Ferric chloride	0	
32	Ligrum cederoil	grams	
33.	Magnesium sulphate	grams	
34.	Sulfosalicylic acid	grams	
356	Trichloracetic acid	grams	
		grams	
-	Bismuth subnitrite	grams	
	Potassium Bichromate	grams	
38.	Hematexylin	grams	
39.		grams '	
	Animal carbon	grams	
	Hydrochinon	grams	50
, -	Borax	grams	150
43.	Kalium rhodanatum	grams	50
44.	Ammonium rhodanatum	grams	50
45.	Halonin	grams	100
46.	Hydrochinon	grams	50

(for the experiment of poisoning)
Poison Box #34

This chest is 28" x 16 1/4" x 15 1/4". The chest contains only the bottles for the following drugs:

500 Gram Bottles

1.	Salt	grams	- 500
2.	Oxalic acid	grams	500
3.	Pyrogallol	grams	250
4.	Acetic acid	grams	250
5.	Bleaching powder	grams	1000
	Zinc Flower	grams	500
7.	Sodium sulphite	grams	500

500

grams

8. Sodium salicylate

Equipment for the Chemical Laboratory in the Field

(for experiment of poisoning)
Box Poison #36

This chest is 28" x 16 1/4" x 15" and contains bottles for the following drugs:

1.	Petroleum	benzine		grams	1000
2.	Petroleum	ether	•	grams	250

3.	Methanol	grams	500
40	Carbon tetrachloride	grams	500
5,	Petroleum	grams	500
6.	Alcohol (pure)	grams	2000
7.	Xylol	grams	500
8,	Acetone	grams	500
9.	Formaline	grams	500
10.	Benzol	grams	500
11.	Toluol	grams	500

(for the experiments of poisoning)
Box poisoning #41

This chest is 28" x 16 1/4" x 15" and contains the following:

1. Drying machine, electric, complete ea 1

Equipment for the Chemical Laboratory in the Field

The Care for Experimenting in Poisoning #42

This chest is 20" x 28" x 27" and contains one complete distillatory apparatus and a liquid fuel heater with two burners.

This chest and chest Co-operate #41 (for the second squad) are identical.

Equipment for the Chemical Laboratory in the Field

(for the experiments of poisoning)
Box Poisoning #43

This chest is 28" x 20" x 16" and is identical with Box Co-operate #43, It contains the following items:

1.	Centrifugal sinker	(centrifuge)	1,5	ea	1
2.	Signal clock			ea	1

Equipment for the Chemical Laboratory in the Field

(for the second squad) Co-operate #1

This chest is $28" \times 16 \frac{1}{4"} \times 15"$ and is incomplete. The following items are supposed to be in this chest:

1.	Mortars	ea	1
2.	Balance-Harvard beam (for dissection)	set	1
3.	Balance, analytical (with upper plates)		
	medium size	set	1
4.	Electric bulbs:		
	a. 60 watt	ea	5
	b. 100 watt	ea	5
5.	Protecline spectacles	ea	5 5 5 3
	Pocket electric lamps	ea	3
7.	Balance, analytical (with upper plates)		
	small	ea	1
8.	Funnel stands	sets	2
9.	Funnels (including bags)	ea	15
	Filter paper mark	set	
	Cork screw	ea	7
_	Glass cutter	ea	1 1 5 2 6 3 2 6 1 2 1 1
	Tweezers	ea	5
	Knives	ea	2
	Colored pencils	ea.	6
	Feather brooms	ea	3
	Nibs (pen points)	boxes	2
	Pen holders	ea	6
19.	Drawing pens	box	1
	Glass pencil	ea	2
-	Clips	box	7
	Pencils	dozen	7
	Steel pen	ea	3
	Hair pencils	04	7
~~	a. big	ea	6
	b. small	ea	6
	De Dilicita	da	0

(for second squad)
Box Co-oprate #2

This chest is $28" \times 16 \frac{1}{4"} \times 15"$ and is incomplete. It is supposed to contain the following:

1.	Basin, hand washing	ea	1
2.	Buckets	ea	2
3.	Bucket, canvas	ea	1
40	Soap cases	ea	2
	Soaps	ea	10
6.	Screen	ea	5
7.	Brushes skin washing	ea	4
8.	Holder, stand	ea	1
9.	Copper net (mesh)	ea	10
10.	Tripod	ea	1
11.	Triangular bridges	ea	5

(for the second squad)
Comperate #3

This chest is 28" x 16 1/4" x 15" and contains one complete Harvard Beam Balance used to weigh small animals.

Equipment for the Chemical Laboratory in the Field

(for second squail)
Box Comperate #4

This chest is 28" x 16 1/4" x 15" and is incomplete. It is supposed to contain the following:

1.	Fixer (h	older), animal		
	a	Type A & B	sets	6
	b.	For two animals	set	1
	C.	For beaver	set	1
	d.	For pigeon	. set	1
2.	Number t	ickets		
	a.	For rabbit	ea	500
	b.	For pigeon	ea	500

Equipment for the Chemical Laboratory in the Field

(for the second squad)
Box Co-operate #5

This chest is 23° x 16 $1/4^{\circ}$ x 15° and is supposed to contain the following items:

1. Animal cages large ea 3

Equipment for the Chemical Laboratory in the Field

(for the second squad)
Box Co-operate #6

This chest is 28° = $16 \cdot 1/4^{\circ}$ x 15° and is incomplete. It is supposed to contain the following items:

1. Cages, animal
a. Medium size
b. Small size
ea
ea

(for the second squad) Co-operate #7

This chest is 28" x 16 1/4" x 15" and contains three stained boxes with brass clamps and hinges:

The contents are:

1.	Beakers, glass (each set sonsists of 8		
	pieces)	sets	15
2.	Enlenmeyer Flasks		
	a. without stopper, 200 cc.	ea	4
	b. with stopper, 250 cc.	ea	3
3.	Flasks		
	a. 300 cc.	ea	3
	b. 500 cc.	ea	. 2

Equipment for the Chemical Laboratory in the Field

(for the second squad) Box Co-operate #8

This chest is 28" \times 16 1/4" \times 15" and is incomplete. It is supposed to contain the following:

1.	Desiccator	ea	2
2.	Beakers, graduated		
	a. 500 cc.	ea	. 1
	b. 100 cc.	ea	3
3.	Syringes:		
	a. 50 cc.	ea	1
	b, 20 cc.	ea	4
	c. 10 cc.	ea	6
	d. 5 cc.	ea	10
	e. 2 cc.	ea	12
	f. l cc.	ea	12
4.	Needles for syringes		
	1. 1/2 circle	ea	12
	2. 1/3 circle	ea	12
	3. 1/5 circle	ea	12
	4, 3/4 circle .	ea	12
	5. 5 mm size	ea	12
	6. 10 mm size	ea	12

50	Flasks,	graduato	ad .				
	8.	250 00.	,			ea	2
	bo	100 cc	,			ea	2
6.	Weighing	glass,	graduated,	with	stopper,		
	100 ec				· · · · · · · · · · · · · · · · · · ·	68	2

(for the second squad) Co-operate #9

This chest is 28° x 16 1/4" x 15" and is incomplete, It is supposed to contain the following:

1.	Cotton	pkgs	5
2.	Rolled bandages	pkgs	10
36	Gauze	pkgs	50
4.	Absorbent cotton	pkgs	40

Equipment for the Chemical Laboratory in the Field

(for the second squad) Co-operate #10

This chest is 28" \times 16 1/2" \times 15" and is incomplete. The contents are supposed to be as follows:

1. Red colored solid rubber tube.

	Outside diameter a, 12 mm b, 8 mm c. 6 mm d. 5 mm e. 4 mm	meter meter meter meter meter	55555
2.	Brown colored soft rubber tube		
3.	Outside diameter a. 12 mm b. 9 mm c. 7 mm d. 6 mm Black colored soft rubber tube	meter meter meter meter	5 5 5 5
4.	Outside diameter 9 mm and inside diameter 5 Kettle	mm. meters set	5 1

3		ea	Cork boards		
			Corks:	6.	
12	3	ea	a. Rubber		
12	7	ea	b. Wooden		
			Evaporating dishes	7.	
2		ea	a. 210 mm		
3		ea	b. 120 mm		
3		ea	c. 60 mm		
			Rubber gloves	8.	
12	. 7	ea	a. white		
12	7	ea	b. red		
1	-	ea ea	b. 120 mm c. 60 mm Rubber gloves a. white	8.	

This chest is identical with Poison #10

Equipment for the Chemical Laboratory in the Field

(for the second squad)
Box Co-operate #11

This chest is $28" \times 16 \frac{1}{4"} \times 15"$ and is incomplete. It is supposed to contain the following items:

1.	Alcohol lamps	ea	3
	Dropping bottles	ea	8
	Washing bottles	ea	2
4.		ca	2
40	•		0
	a. 5 cc.	ea	2
	b. 10 cc.	ea	2
	c. l cc.	ea	2
5.	Pipettes, graduated:		
	a. 1 cc,	ea	2
	b. 5 cc.	ea	2
	c. 10 cc.	ea	2
6.	Thermometers		
	a. 70° C	ea	2
	b. 100° C	08	2
	c. 300° C	ea	2
7.		ea	4
8.			16
	- , -	ea	
	Tip pipettes	ea	3
TU.	Test tubes		0.1
	a. outside diameter, 20 mm	ea	24
	b. outside diameter, 18 mm	ea	24
11.	Test paper-every kind		
12.	Test tube stands	ea	6
13.	Test tube washers	ea	10

Equipment for the Chemical Laboratory in the Field

(for second squad) Box Co-operate #12

This chest is 28" x 16 1/4" x 15" and contains the following bottles:

1.	250 milili	ters:		
	a. W	ide mouth		
		la Colorless	ea	3
		2. Brown	ea	3
	b. N	arrow mouth		
	_	l. Colorless	ea	3
		2. Brown	ea	3
2.				
		ide mouth		
		la Colorless	ea	2
		2. Brown	ea	2
		arrow mouth		~
		l. Colorless	ea	2
		2. Brown	ea	2 2
36	100 miljlj	ters		-
	a. W.	ide mouth		
		l_ Colorless	ea	5
		2. Brown	ea	5
	b. N	arrow mouth		
		la Colorless	ea	9
		2. Brown	ea	5
4.	50 mililit			
	a. W	ide mouth		
		l. Colorless	ea	9
		2. Brown	ea	9
		arrow mouth		
		l. Colorless	ea	9
		2. Brown	ea	9

(for the second squad)
Box Co-operate #13

This chest is $28" \times 16 1/4" \times 15"$ and is incomplete. It is supposed to contain the following items:

1.	Drier, water bath Gauges, coloring matter of the blood	sets	2
3.	(Hemometer) Gauges, blood corpuscle (hemocylometer)	ea ea	2 3
4.	Second (stop watch Gloves:	өа	2
	a. knitted b. cotton	pr	24
	Cotton, rolls Forceps	ea	3
1 •	a. Medicine giving	ea	3
	b. Large, plain, gauze c. Medium, plain, gauze	ea ea	5
	d. Small, plain, gauze e. Tissue	ea ea	7 5

8.	Syringes, medicine giving	ea	3
9.	Capsule stand	ea	2
10.	Hair shears	ea	5
11.	Cork borer	set	1
12,	Scissors, miscellaneous use	ea	2

(for the second squad)
Eox Co-operate #14

This chest is $28" \times 16 \ 1/4" \times 15"$ and is supposed to contain the following:

1. Book for reference	ea	5
2. Explanation copy	ea	1
3. Registering papers:		
a. For second squad	booklet	5
b. Chart for listing the result of		
the dissection of test animal	booklet	1
c. Chart for listing the result of		
examination	booklet	5
d. Chits	booklet	-5
e. Inventory of body diet of		
poisoning	ea	100

Equipment for the Chemical Laboratory in the Field

(for the second squad) Sick #23

This chest is 28" x 16 1/4" x 15" and is incomplete. It is supposed to contain the following:

1.	Celloidin bottles	5
2.	Balsam bottles	2
3.	Immesion oil bottles	2
4.	Paraffin filter set	1
5.	Box for dyeing the specimens ea	10
6.	Inkpad glass case ea	7
7.	Western razors ea	2
8.	Cornet forceps ea	5
9.	Hemp thread roll	1
10.	Rubber caps ea	10
11.	Cap pins ea	50
12.	Machine thread ea	10

(for the second squad) Sick #24

This chest is $28" \times 16 \frac{1}{4"} \times 15"$ and is incomplete. It is supposed to contain the following:

1.	Leather strops		
	a. Large	ea	1
	b. Small	ea	1
2.	Stand for leather strop	ea	1
3.	Carved seal	ea	1
4.	Soldering iron	ea	1
5.	Douching instrument	set	1
6.	Chart for listing the result of the ex-		ı
	amination of organism	ea	100
7.	Chart for stamping the carved seal		
	a. Type A	ea	100
	b. Type B	ea	100
8.	Oil for leather strop	ea	20
9.	Microscopic slides	ea	100
10.	Plate lids	ea	1000
11.	Dissecting instruments for small animals	set	1

Equipment for the Chemical Laboratory in the Field

(for second squad) Sick #25

This chest is 28" \times 16 1/4" \times 15" and is incomplete. It is supposed to contain the following items:

1,	Cases for microscopic slides	ea	8
2.	Dissecting instruments, human	set	1
3.	(See MTR #155)		
3.	Operating gown	ea	2
4.	Chest protestors, rubber	ea	2
5-	Rubber cloth	68	7

Equipment for the Chemical Laboratory in the Field

(for second squad) Box Sick #26

This chest is $28" \times 16 \frac{1}{4"} \times 15"$ and is incomplete. It is supposed to contain the following items:

1.	Microscopic camera	set	1
2.	Arc light	set	-1
3.	Resistor	set	1
4.	Stick carbon	ea	6
5.	Dark slides		
6.	Boards, printing	ea	2
7.	Dry plates	ea	36
8.	Printing paper	ea	36
9.	Cord, electric	set	1

(for the second squad) Sick #27

This chest is 28" x 16 1/4" x 16" and contains are incubator complete with accessories.

Equipment for the Chemical Laboratory in the Field

(for second squad) Box Sick #28

This chest is $28" \times 16 \frac{1}{4"} \times 15"$ and is incomplete. It is supposed to contain the following items:

1.	Crofan (cellophane) paper	ea	50
2.	Microscope medium	ea	1
3.	Bail sterilizer	ea	2
4.	Small bottles	ea	144
5.	Name tickets wooden		
	a. small	ea	120
	b. medium	ea	120
	c. large	ea	120
6.	Wooden chips		
	a. large	ea	10
	b, medium	ea	10
	c. small	ea	10
7.	Sample tickets (wooden)	ea	50
8.	Sample boxes	ea	2

Equipment for the Chemical Laboratory in the Field

(for the second squad) Sick #29

This chest is 28° x 16 $1/4^{\circ}$ x 15° and is incomplete. The following items are supposed to be in this chest:

2. 3. 4. 5. 6. 7.	Microtame knife Microtame (large) Microtame oil Accessories for camera Portable dark room Album for preserving negative films Film clips Printing paper	box set cc set ea ea boxes	1 100 1 1 4
9.	Eastman corpuscular developer		
10.	Acid fixative		
11.	Tank (35 mm) for developing in the		
	daytime	ea	1
12.	Duplicating apparatus-large size	ea	1

(for second squad) Box Sick #30

This chest is $28" \times 16 \frac{1}{4"} \times 15"$ and is incomplete. It is supposed to contain the following items:

	Enlarger for wet negative film "King" examiner for the temperature	set	1
	of solution	set	1
3.	Enlarger, big size	ea	1
4.	Dark room lamp	ea ·	1
5.	Freezing microtame	set	1
6.	Vots (4 ea)	set	1
7.	Water containers (4 ea)	set	1
8.	Dried plates	ea	36
9.	Films	boxex	4
10.	Ruler for cutting the films	ea	1
11.	Tripod, flat type	ea	1
12.	Camera	ea	1
13.	Bag with adapter	ea	1
14.	Bag with accessories	ea	1
15.	Bag with lens	ea	1

Equipment for the Chemical Laboratory in the Field

(for the second squad)
Box treatment #31

This chest is 28" x 16 1/4" x 15" and is supposed to contain the following items:

1.	Blocd transfusor set	ea	1
2,	Surgical set	ea	1
3.	Gause sterilizer	ea	1
40	Accessory of gauze sterilizer	ea	1
5.	Ointment pots	ea	14
6.	Ointment board	ea	2
7.	Spatula	ea	2
8.	Dissecting kit	ea	1
9.	Marcopet (1 cc)	ea	12
10,	Silk thread	rolls	30
11.	Sewing needles (large, medium & small)	ea	12
12.	Mouth cover	ea	12
13.	Powler wrapping paper	ea	300
140	Labels	ea	300
15.	Couton needles	ea	20

(for second squad) Box treatment #32

This chest is 28" x 16 1/4" x 15" and contains bottles only for the following drugs:

- 1. Sodium carbonate (anhydrous)
- 2. Copper sulphate (anhydrous)
- 3. Sodium sulphate (anhydrous)
- 4. Potassitm carbonate
- 5. Sodium carbonate
- 6. Sodium carbonate (crude)
- 7, Active carbon
- 8. Camphor
- 9. Talc
- 10. Potassium hydroxide
- 11. Sodium hydroxide
- 12. Solution of Hydrogen peroxide 13. Olive oil (eq 2)
- 14. Vaseline
- 15. Sodium bicarbonate (ea 2)
- 16. Barium sulphide
- 17. Bonic acid
- 18. Sodium thiosulphate
- 19. Lignum (wood) ceder liquid for tissue
- 20. Potassium chromate
- 21. Alum
- 22. Citric acid
- 23. Sodium citrate
- 24. Lithium carbonate (ea 2)
- 25. Sodium tungstite
- 26. Tannic acid
- 27. Resorcin
- 28. Albumin (white of egg)

- 29. Potassium iodide (ea 2) 30. Potassium iodite 31. Iodic acid
- 32. Mercury iodide
 33. Tincture of iodine
- 34. Sodium perbromate
- 35. Carmine
- 36. Canadian balsam
- 37. Caffein
- 38. Soluble starch
- 39. Iodine
- 40. Potassium phosphate
- 41. Sodium phosphate
- 42. Sodium phosphomolybdate
- 43. Granular zinc (ea 2)
- 44. Potassium ferrocyanide
- 45. Atropine sulphate (ea 2)
- 46. Sulfosalicylic acid
- 47. Liquid paraffin (ea 2)
- 48. Phosphonic acid
- 49. Sodium bisulphite
- 50. Copper sulphate
- 51. Zinc sulphate
- 52. Magnesium sulphate (ea 2)
- 53. Ammonium sulphate
- 54. Bismuth subnitrate
- 55. Potassium bichromate (ea 2)
- 56. Potassium biphosphate
- 57. Sodium biphosphate
- 58. Potassium bisulphite 59. Sodium sulphate (pure)
- 60. Hematoxylin
- 61. Hexeton
- 62. Trichloracetic acid
- 63. Lignum (wood) ceder oil (for microscope)
- 64. Lactose (ea 2)
- 65. Silver lactate
- 66. Borax (ea 2)
- 67. Chloral hydrate
- 68. Ammonium ichthyol sulfonic acid
- 69. Potassium rhodanate
- 70. Ammonium rhodanate
- 71. Halomin
- 72. Hydrochinon (ea 2)

(for second squad)
Box treatment #33

This chest is $28" \times 16 \frac{1}{4}" \times 15"$ and contains only bottles for the following drugs:

- 1. Castor oil
- 2. Pyrogallol
- 3. Salt
- 4. Oxalic acid
- 5. Fcyacetic acid
- 6. Salicylic acid
- 7. Acetic acid
- 8. Bleaching powder
- 9. Zinc oxide
- 10. Sodium sulphide
- 11. Linseed oil
- 12. Calcium chloride (crude)
- 13. Turpentine oil
- 14. Water of ammonium
- 15. Glycerin
- 16. Dried calcium sulphate
- 17. Glucose
- 18. Soda lime
- 19. Cresol soap solution
- 20. Cresote
- 21. Barium hydroxide
- 22. Sudan III
- 23. Carbolic acid (crystal) (ea 2)
- 24. Mercury (ea 5)
- 25. Potassium cyanide
- 26. Pilo corpine
- 27. Ammonium molybilate
- 28. Morphine
- 29. Potassium ferricyanide
- 30. Quick lime
- 31. Tantanic acid
- 32. Potassium and sodium tantrate
- 33. Potassium oxalate (ea 2)
- 34: Corrosive sublimate
- 35. Methyl violet
- 36. Methyl orange
- 37. Potassium nitrate
- 38. Sodium nitrate
- 39. Ammonium nitrate
- 40. Silver nitrate
- 41. Uranium acetate
- 42. Lead acetate
- 43.. Quinhydrone
- 44. Alum
- 45. Metol
- 46. Methylene blue
- 47. Ferric alum
- 48. Sodium nitrita
- 49. Salenium oxide
- 50. Lithium oxide
- 51. Fuchsin S
- 52. Potassium acetate
- 53. Barium chloride
- 54. Ammonium chloride
- 55. Mercury chloride
- 56. Ferric chloride (ea 2)
- 57. Eosin

58. Iodine pentaoxide

59. Potassium chloride (ea 2)

60. Calcium chloride (pure) (ea 2)

61. Cadmium chioride

62. Phenolphth elein

63. Potassium bromide (ea 2)

64. Potassium bromate

65. Congo red 66. Colladian

67. Medical carbon (ea 2)

68. Sodium Salicylate

69. Sodium & Potassium salicylate

70. Gentian violet (original solution)

71. Fuchsin

24, Chloric acid

25. Chloric acid (pure)
26. Done's powder
27. Stomachic tablets
28. Asperin tablets
29. Atropin tablets

Equipment for the Chemical Laboratory in the Field

(for the second squad) Box treatment #34

This chest is $28" \times 16 \frac{1}{4"} \times 15"$ and contains bottles for the following items:

1.	Potassium permanganate	
2.	High degree bleaching powder	
3.	Sodium peroxide	
4.	Picric acid	
	Potassium chlorate	
	Paraffin grams	1500
	Boric acid ointment grams	
-	Ceroidin grams	
	. Varnish grams	
	Simple ointment grams	~~~
	Lanolin grams	
		500
	Sealing wax grams	
	Adhesive plaster, rubber rolls	
	Zinc ointment grams	-
	Zinc oxide ointment grams	
	Asbestos, (purified cotton-like) grams	
	Boards, asbestos ea	5
	Sulphuric acid	
	Sulphuric acid (pure)	
	Nitric acid	
230	Nitric acid (pure)	

30.	Corrosive sublimate tablets		
31.	Pyramidan tablets		
32.	Capsules	boxes	3
33.	Vitacamphor		
34.	Merphine		
35.	Pellidol ointment (diacetylaimdoazotoluene)		
36.	Diactose		
37.	Osmic acid		
38.	Cocaine chlorate		
	Decitin ointment		
	Adrenalin	141	
	Pavinal	•	
	Digitamin		
	Cemphor		
	Novocain solution		
	Coramin		
	Caffeine sodium benzoate solution		
473	"Atmulatin"		

(for second squad)
Box treatment #35

This chest is 28" \times 16 1/4" \times 16" and contains bottles or boxes for the following:

1.	Petroleum benzin	ea .	2
2.	Petroleum ether		
3.	Methanol		
4.	Carbon tetrachloride		
5.	Petroleum		
6.	Alcohol (pure)	ea	2
7.	Xylol		
8.	Analin		
9.	Alcohol	ea	2
10.	Ether (pure)	ea	2
11.	Acetone		
12.	Benzol		
13.	Toluol		
14.	Chloroform		
15.	Ogrbon disulphide		
16.	Formaline	ea	2
17.	Poison samples	ea	20
18.	Smelling equipment, (anesthesia)	ea	10

Equipment for the Chemical Laboratory in the Field

(for second squad)
Case #36

This chest is 28" x 18" x 22" and is incomplete.

1.	Solution of Sodium bicarbonate 2% Alkaline solution 2%		
3.	Bleaching powder	kgs	8
40	First aid box	ea	1
5.	Alcohol	gals	. 5
6.	Buckets, square type	ea	2
7.	Gasoline	gals	5
8.	Brushes for washing the skin	ea	5
9.	Sponges	ea	5 3
10.	Towels	ea	3
11.	Rubber gloves		
	a, white	prs	6
	b, thin	prs	6
	Wash stand	ea	1
13.	Container for yperite (mustard) cure	ea	1
	Wash basin	ea	1
	Soap case	ea	1
	Yperite (mustard) cure	kgs	. 3
17.	Rubber tube		
	a. outside diameter 25 mm	meters	10
-	b. outside diameter 15 mm	meters	10
18.	Rolled bandages	pkgs	2
	Gauze	pkgs	10
	Absorbent cotton	pkgs	5
21.	Soaps	ea	2

Equipment for the Chemical Laboratory in the Field

(for the second squad) Co-operate #38

This chest is $28" \times 20" \times 23"$ and is supposed to contain the following items (incomplete):

1.	Equipment (tools) for repairing equipment Solder	set pieces	1 2
3.	Container for the intestines	set	1
4.	Graduated test tubes	ea	16
5.	Plexor (perdussion hammer)	ea	1
6.	Dissecting appliances (for big animals)	set	1
	Chemical warfare bags		
	A.	sets	2
	В.	set	1
8.	Dissecting gowns	suits	2
9.	Veterinary surgical instruments	set	1
10.	Hemp cord	ea	2
	Flat braid	ea	2

(for the second squad) Box Co-operate #40

This chest is $28" \times 20" \times 18 \text{ l/2}$ and is supposed to contain the following items:

1.	Rice, polished		
2.	Barley		
3.	Rice, unpolished		
	Corn		
5.	Bucket, square	set	1
6.	Suy paste	500	
7.	Soy sauce		
	Depilatory		
	Sait		
10.	Bran		
-	Wheat		
12.	Cage, feeding	set	1
13.	Iron pot	ea	1
14.	Pan	ea	
15.	Neck cutter, pigeon	ea	1 1 3
	Shears, hair cutting	ea	3
17.	Brushes, nail washing	ea	10
	Kitchen-knife	ea	1
19.	Rod, catching	ea	7
			1
	Rod, striking	ea	7
21.	Brushes, long handle	ea	2
	Broom	еа	1
23.	Ladles		
	a. Large	ea	2
	b. Small	ea	2
24.	Collars		
	a. Large	ea	5
	b. Small	ea	5 5
25.	Chain	ea	10
26.	Chaffing board	ea	1
~~*	our a ring would	04	

Equipment for the Chemical Laboratory in the Field

(for the second squad)
Comperate #41

This chest is 20" x 28" x 27" and contains one complete distillatory apparatus and a liquid fuel heater with two burners.

This chest and chest #42 (The chest for experimenting in poisoning) are identical,

Equipment for the Chemical Laboratory in the Field

(for the second squad) Box Co-operate #42

This chest is 28" x 20" x 18 1/2" and contains the following:

1. Drier, large

ea

1

Equipment for the Chemical Laboratory in the Field

(for the second squad)
Box Co-operate #43

This chest is 28" x 20" x 16" and is identical with Box Poisoning #43. It contains the following items:

1. Centrifugal sinker (centrifuge) ea 1 2. Signal clock ea 1

Equipment for the Chemical Laboratory in the Field

(for the second squad) Box Co-operate #44

This chest is 28" x 20" x 16" and is supposed to contain the following items:

1. Papers:

- a. Filter papers
- b. Paraffin paper
- c. Note books
- d. Ruled papers
- e. Copy papers
- f. Section papers
- g. Lid papers
- h. Carbon papers
- i. Absorbing papers
- j. Stencil papers
- k. Writing paper common
- 1. Writing paper Japanese

	m. Letter papers		
	n. Envelopes		
	o. Labels		
20	Ruler, curved line	ea	1
3.	Copying machine	set	1
4.	Fatique clothes	suits	10
5.	Ruler, triangular	set	1
6.	Ink	ea	6
7.	Stamp ink	ea	4
8.	Chinese ink	ea	2
9.	Soap industrial	ea	3
10,	Drawing kit	set	1
11.	Blood saccharimeter	ea	1
12.	Gauge, blood solidification	ea	1
13.	Pocket lamp	ea	2
140	Stamp ink pad	ea	2
15.	Candles	ea	25
16.	Paste	ea	2
17.	Eraser, rubber	ea	12
18.	Match	ea	20

